

On page 11, please replace the first full paragraph with the following:

– A ninth aspect of the invention is an integrated minute vessel comprising: at least one thread shaped, cord shaped, tape shaped or rod shaped long and slender base member; and either cavity sections which comprise channels, apertures or capillaries with bottoms or ends, or holding sections formed from a porous material, a foam material, a fibrous material, a material with an irregular surface, or an impregnating material, provided on the base member, and wherein the base member is rolled, laminated or arranged to give integration. --

In the Claims:

Please amend the following claims as shown:

1. (Amended) An integrated support comprising:  
at least one base member,  
a variety of substances for detection of predetermined chemical structure, said variety of substances being fixed side by side at intervals along the length of said base member, and said base member is integrated so that a layer surface in which the substances are fixed and are adapted to be formed in the direction of the length of said base member and a fixed location of each substance in the layer surface identifies the chemical structure,

wherein the shape of the at least one base member is selected from the group consisting of a thread shape, a string shape, a tape shape, a rod shape, and a long and slender shape,

wherein the means for integration is selected from the group consisting of rolling, laminating, or arranging, and

wherein each substance is fixed at a location, the location is selected from the group consisting of: on the surface of the base member, at channels in the base member, at apertures in the base member, and in the base member.

2. (Amended) The integrated support according to claim 1, wherein the material of the base member is selected from the group consisting of a porous material, a foam material, a fibrous material, a material with an irregular surface, or an impregnating material.
3. (Amended) An integrated support according to claim 1 or claim 2, wherein said base member is rolled, laminated or arranged in such a way that the base member either enables or prevents expansion, while bringing side portions thereof into contact with each other or while maintaining a spacing or while sandwiching an auxiliary member.
5. (Amended) An integrated support according to claim 1 or claim 2, further comprising a binding section for binding said base member and/or an auxiliary member in such a way that the auxiliary member is either releasable or non-releasable.
22. (Amended) A method of manufacturing an integrated support, comprising a positioning step for positioning and fixing substances for detection of predetermined chemical structures at predetermined locations on at least one base member at intervals, and an integration step for rolling, laminating or arranging said base member to give integration, so that a layer surface in which the substances for detection are fixed, and the location of the substances for detection is selected from the group consisting of: on the surface of the base member, at channels in the base member, at apertures in the base member, and, in the base member when the base member is made from a material selected from the group consisting of: a porous material, a form material, a fibrous material, a material with an irregular surface, or an impregnating material.
23. (Amended) A method of manufacturing an integrated support according to claim 22, wherein the shape of said base member is selected from the group consisting of a thread shape, a string shape, a tape shape, a rod shape, and a long and slender shape.

24. (Amended) A method of manufacturing an integrated support according to claim 22 or claim 23, wherein in said positioning step, a suspension or semiliquid incorporating a substance for detection with a predetermined chemical structure, is positioned by being painted, dispensed, imprinted, drawn up, impregnated or stored onto said base member at a location which corresponds to the chemical structure.

25. (Amended) A method of manufacturing an integrated support according to claim 22 or claim 23, wherein in said integration step said base member is rolled, laminated or arranged in such a way that the base member either enables or prevents expansion while bringing said base member into contact with itself or while maintaining a spacing or while sandwiching an auxiliary member to give integration.

26. (Amended) A method of manufacturing an integrated support according to claim 22 or claim 23, wherein said base member is formed as a film or thin sheet, said substances for detection are positioned on said base member in approximate lines which do not intersect or contact the other substances, and said integration step involves rolling, laminating or arranging in a way that the base member either enables or prevents expansion to give integration, and wherein a cutting step is provided following said integration step, in which the integrated base member on which said substances for detection are fixed, is sliced thinly to form a plurality of integrated supports in which the cross-sectional surface of the cut functions as a layer surface.

27. (Amended) A method of manufacturing an integrated support according to claim 22 or claim 23, wherein in said positioning step each suspension or semi-liquid incorporating a substance for detection with a predetermined chemical structure, is positioned by being painted, dispensed, imprinted, drawn up, impregnated or stored onto said base member, or, into channels, apertures, a porous material, a foam material, a fibrous material, a material with an irregular surface or an impregnating material, provided with said base member.

28. (Amended) A method of manufacturing an integrated support according to claim 22 or claim 23, wherein in said integrating step said base member and/or auxiliary

member are bound in such a way that the auxiliary member is either releasable or non-releasable.

36. (Amended) A method of using an integrated medium according to claim 22, wherein by passing a heating fluid or a cooling fluid through an integrated support, an integrated minute vessel, or a permeable membrane, the integrated support, integrated minute vessel, or permeable membrane is heated or cooled respectively.
37. (Amended) A method of using an integrated medium, comprising:
  - a processing step for detecting a substance using an integrated support, an integrated minute vessel, or a permeable membrane, and
  - a measurement step for conducting measurements of an optical state on an outside layer surface with the processed integrated support, integrated minute vessel, or permeable membrane, either in an expanded state or in an integrated state.
38. (Amended) A method of using an integrated medium according to claim 37, wherein the measurement in said measurement step with said integrated support, integrated minute vessel, or permeable membrane in an integrated state involves identification of an absolute location on the outside layer surface thereof.